



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 7
25 FUNSTON ROAD
KANSAS CITY, KANSAS 66115

JAN 11 1989

Chem Comm-Shawnee
ED: KSD980632962
Break: 2.3
Other: EPA
1-11-89

MEMORANDUM

SUBJECT: Report on Analysis of First Set of Chemical
Commodities Samples (Activity PK869)
FROM: Gerald L. McKinney ^{61m}
Acting Chief, Analytical Services Section, LABO/ENSV
TO: Andrea M. Jirka
Chief, Laboratory Branch, ENSV

ANSV has completed the analysis of the requested parameters from the above activity. The analytical results are attached. For your convenience, I have summarized the major findings:

1. Five composite soil samples were taken at the Shawnee site (PK869).
 - a. PK869001 - nothing significantly high was found for either metals or pesticides.
 - b. PK869002 - low level dieldrin (23 ug/kg) contamination was found.
 - c. PK869003 - dieldrin contamination was found (280 ug/kg) as was antimony (87 mg/kg).
 - d. PK869004 and 04D - dieldrin contamination was found in the sample and duplicate (710, 520 ug/kg), as was antimony (87,56 mg/kg).

If you have any questions about these data, please let me know.

Attachment

40200951



SUPERFUND RECORDS



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MEMORANDUM

SUBJECT: GC/MS Scan Analysis of Activity PK869

FROM: William W. Bunn *W. Bunn*
Chief, Mass Spectrometry Section, LABO/ENSV

TO: Andrea M. Jirka
Chief, Laboratory Branch, ENSV

The GC/MS scan analysis for activity PK869 Chemical Commodities, Shawnee has been completed, data sheets are attached. A summary of the analytical results is as follows:

- PK869001: Background soil sample. No significant compounds were detected by the GC/MS scan.
- PK869002: Sediment from drainage ditch. No significant compounds were detected by the GC/MS scan.
- PK869003: Sediment from N-S drainage ditch. No significant compounds were detected by the GC/MS scan.
- PK869004 and PK869004D: Sediment from drainage pathway. No significant compounds were detected by the GC/MS scan.

Attachment

cc: Data Files

ANALYTICAL DATA REPORT

Tentatively Identified Compounds from GC/MS Scan

Fraction GC/MS Scan

Method No. _____

Sample Number PK 869001

Date/Analyst 12/22/88 AB.

Matrix Seil

Units Mg/Kg[illegible]

* This is a crude estimation based on response relative to an internal standard. An authentic standard has not been run.

ANALYTICAL DATA REPORT

Tentatively Identified Compounds from GC/MS Scan

Fraction GE/MS Scan

Method No. _____

Sample Number PK 869002

Date/Analyst 12/22/88 RP.

Matrix Soil

Units Mg/Kg[illegible]

* This is a crude estimation based on response relative to an internal standard. An authentic standard has not been run.

ANALYTICAL DATA REPORT

Tentatively Identified Compounds from GC/MS Scan

Fraction GC/MS Scan

Method No. _____

Sample Number PK 869003

Date/Analyst 12-22-88 LB.

Matrix Soil

Units mg/Kg[illegible]

* This is a crude estimation based on response relative to an internal standard. An authentic standard has not been run.

Tentatively Identified Compounds from GC/MS Scan

Method No.

Date/Analyst 12/22/88 R.K.

Units mg/kg[illegible]

* This is a crude estimation based on response relative to an internal standard. An authentic standard has not been run.

ANALYTICAL DATA REPORT

Tentatively Identified Compounds from GC/MS Scan

Fraction GC/MS Scan

Method No. _____

Sample Number PK 8690040

Date/Analyst 12/22/88 AD.

Matrix SoilUnits *Ma/Ka*[illegible]

* This is a crude estimation based on response relative to an internal standard. An authentic standard has not been run.